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February 14, 2001

TO: Members of the MAG Building Codes Committee

FROM: Leon Manuel, City of El Mirage, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, February 21, 2001 - 2:00 p.m.
MAG Office, Suite 200, Saguaro Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Building Codes Committee has been scheduled for the time and place noted above. MAG will dispense with the option of participating in the meeting via teleconference until the functionality of the speaker system is enhanced.

Please park in the garage under the Compass Bank Building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Please be advised that under procedures approved by the MAG Regional Council on June 26, 1996, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the membership, or 13 people for the MAG Building Codes Committee. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you.

If you have any questions or need additional information, please contact me at (602) 438-2200 or Harry Wolfe at (602) 254-6300.

TENTATIVE AGENDA

COMMITTEE ACTION REQUESTED

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|---|--|
| 1. <u>Call to Order</u> | |
| 2. <u>Approval of January 17, 2001, Meeting Minutes</u> | 2. Review and approve meeting minutes of January 17, 2001. |

3. Call to the Public

An opportunity will be provided to members of the public and Committee to address the Building Codes Committee for items that are not included on the agenda.

4. Uniform Mechanical Code (UMC) Roof Access Provisions

At the November 1, 2000 meeting of the MAG Building Codes Committee, the Mesa representative recommended that a standard for complying with the Uniform Mechanical Code (UMC) Roof Access provisions was needed and asked whether the matter should be forwarded to the Inspector/Plans Examiner Forum. It was noted that the Forum had already considered a standard and that the standard would be brought back to the Committee at a later date. It is anticipated that the Building Codes Committee will consider a standard and that the standard will be distributed prior to the MAG Building Codes Committee meeting. Please see Attachment One.

5. Fair Housing Amendments and Applicability to the Building Codes

At the January 17, 2001 a status report was provided on the issue of compliance with the Fair Housing Act. It was noted that the Code Requirements for Housing Accessibility (CRHA) had been distributed and discussed for potential adoption as a MAG standard. proposed was discussed. The Chairman of the Committee suggested adopting the ICC document Code Requirements for Housing Accessibility (CRHA) as a MAG Standard to achieve compliance. It was noted, however, that until revisions had been made to the 2000 Building Codes series it would be premature to adopt the CRHA. Action on the item was deferred. A status report will be provided. Please see Attachment Two.

6. Update on Adoption of the 2000 Codes

A status report and discussion will take place

3. For information and discussion.

4. For information, discussion and possible recommendation to the MAG Management Committee.

5. For information, discussion and possible action.

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6. For information, discussion and possible action.

regarding, the efforts of a working group of the Arizona Building Officials (AZBO) towards, the adoption of the proposed MAG 2000 International Building Code, the 2000 International Residential Code, the 2000 International Mechanical Code. Adoption of the 2000 International Codes by January 2002 reflect the efforts of MAG members to maintain uniformity throughout the valley and to adopt the latest available codes.

7. 1999 National Electrical Code

In December of 1999 MAG requested assistance from AZBO to create a working group to develop a MAG Standard for amendments to the 1999 National Electrical Code. AZBO developed a recommendation on the 1999 National Electrical Code (NEC) with the objective of minimizing the number of amendments to achieve uniformity throughout the valley. On January 17, 2001 the MAG Building Codes Committee recommended adoption of the Code and amendments. Mayor Skip Rimsza, Chairman of the MAG Regional Council has drafted a letter encouraging all local governments to adopt the 1999 NEC with the five amendments.

8. Status Report on Initiatives on Establishing a Common Permitting Process

At the January 17, 2001 meeting of the MAG Building Codes Committee, a status report was provided on the results of the January 3, 2001 Smart Permitting Forum sponsored by the City of Phoenix. Eight initiatives recommended for consideration by the Forum were reviewed. MAG staff noted that some of the initiatives overlapped with the efforts of other MAG committees and several MAG projects. He indicated that he would inform these Committees about the Smart Permitting Forum initiatives. On January 26, 2001 MAG staff briefed the MAG Telecommunications Advisory Committee about the Smart Permitting Forum and provided them with copies of the initiatives proposed to be addressed. It was suggested by one of the

7. For information and discussion.

8. For information, discussion and possible action.

representatives that forum participation be expanded to include additional local jurisdictions. A status report will be provided. (Please see Attachment Three).

9. Legislative Issues

A review of legislative issues will be undertaken.

10. MAG Building Codes Committee Standards Notebook

In Fiscal Year 1999, MAG staff prepared a draft MAG Building Codes Committee Standards Notebook to serve as a source for standards adopted by the Committee, provide background on the standards and offer a means to distribute them to interested parties. Staffing and financial limitations during the subsequent fiscal years have interfered with the completion of the notebook. For the MAG Fiscal Year 2002 Work Program beginning July 1, 2002, MAG staff has proposed that the notebook be completed. To assist in completing the notebook, MAG staff is looking to the formation of an advisory group made up of representatives of the MAG Building Codes Committee. The Advisory Committee would help develop a scope of work for the project and work with MAG staff to update the notebook. MAG would also assign a staff member to facilitate the compilation of the notebook in a consistent format as well as its availability in electronic form. A status report will be provided and volunteers to serve on the Advisory Group will be solicited.

11. Plumbing Code Commission

A status report on the State Plumbing Commission will be given.

12. Review of Outstanding Agenda Items

A review of Outstanding Agenda items will be undertaken by the Chairman of the MAG Building Codes Committee. Please see Attachment Four

9. For information and discussion.

10. For information and discussion.

11. For information, discussion and possible action.

12. For information, discussion and possible action.

13. Updated MAG Building Codes Committee Membership

An updated membership roster for the MAG Building Codes Committee is transmitted to you. If there any changes to the list, please notify Harry Wolfe at (602) 254-6300 or e-mail him at hwolfe@mag.maricopa.gov. Please see Attachment Five.

14. Topics for Future Agendas

Potential topics for the next meeting will be discussed. The next meeting of the MAG Building Codes Committee is scheduled for Wednesday, February 21, 2001 at 2:00 p.m. at the MAG Office Building.

15. Adjournment

13. For information.

14. For information and discussion.

15. For information

ATTACHMENT ONE

Memorandum

Date: 2/14/1
To: Leon Manuel, Chairman of M.A.G. Building Codes Committee
From: Ben Cox, Chairman of M.A.G. Building Inspector/Plans Reviewer Forum
Subject: Recommendation to the M.A.G. Building Codes Committee for the uniform application roof access through hatches/scuttle openings per 1997 UMC Section 307.5 2. 1.5

The Building Inspector/Plan Review Forum recommends the MAG Building Codes Committee consider this a written interpretation of the specified code sections. Whereas the requirements of the 1997 UMC Section 307.5 2. 1.5 states, "have side railings which extend at least 30 inches above the scuttle opening or coping to the step off". The members of the forum agree that the use of **one** ladder extension device be accepted as meeting the intent of the code.

Analysis of discussion and recommendation

The requirement for the extension of railings through the access opening is not practical and it was felt that the intent of the code was to provide an individual with the ability to safely ascend or descend the ladder to the service level. The field inspectors discussed the need to have a railing or equivalent accommodation to provide a safe method to access the ladder at the scuttle opening while descending a service level. The consensus was that the use of permanently installed railings on the roof at the opening or the use of the single ladder extension device was acceptable

ATTACHMENT TWO

-----Original Message-----

From: armstrong@icbo.org [SMTP:armstrong@icbo.org]
Sent: Tuesday, January 16, 2001 4:37 PM
To: LManuel@stantec.com
Subject: Re:97 UBC and CRHA

Leon,

I have the following information on using the CRHA with the 1997 UBC from Bill Wall and Jay Woodward. "Paul, Jay and I talked about this item.

There is:

1. use group incompatibility
2. standard incompatibility, ie reach ranges and clear floor space, etc
3. Type A & B contained in UBC vs being contained in IBC via the standard
4. mainstreaming in IBC of means of egress issues vs no mainstreaming in UBC"

It appears that it would take a rather substantial effort to do this. I would suggest that the committee seriously consider the IBC at this time.

Paul D. Armstrong, P.E.
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ATTACHMENT THREE



City of Phoenix

To:	Smart Permitting Participants	Date:	January 16, 2001
From:	Kenny W. Harris, P.E. Development Service Director		
Subject:	JANUARY 8, 2001 SMART PERMITTING FORUM SUMMARY		

The second meeting of the Smart Permitting Forum on Tuesday, January 9, 2001 was a huge success! The Forum identified the following items as its highest priorities:

1. Common Application and Permit Process for Utility Providers
2. Green Building
3. Fee Comparison
4. Electronic Plan Review
5. GIS Parcel Database Coordination With Maricopa County
6. Standardized Permit Application.
7. Electronic Utility Clearances
8. Contractor Licensing Database

The attachment describes each item in more detail, and lists the lead jurisdiction and supporting jurisdictions for each item. The next step is for each jurisdiction to review the items and return the following information to Shawn Billman:

1. Comments, edits and/or corrections to the descriptions
2. A goal or purpose statement for each item
3. The major issues and/or challenges involved in each item
4. A summary of the status of your jurisdiction on each item
5. A "mission statement" for the Smart Permitting Forum

Please send all information to Shawn by Tuesday, January 23, 2001. She will collate the information and return it to you for your final review. Send it via e-mail to sbillman@ci.phoenix.az.us or fax it to (602) 495-0904.

I look forward to your inputs and our next Smart Permitting Forum.

Attachment: Smart Permitting Forum High Priority Items

Smart Permitting Forum Attachment to 1-8-01 Meeting Summary

High Priority Items

The Smart Permitting Forum identified the following items as its highest priorities. The lead jurisdiction for each item is listed first.

Common Application and Permit Process for Utility Providers (Phoenix, Scottsdale)

Municipalities are experiencing common problems with utility and telecommunications providers installing fiber optics and cabling in rights of way. There is no established, consistent policy for permitting and franchise licensing, and no coordination between jurisdictions for consistency and compatibility.

Green Building – (Scottsdale, Phoenix)

Scottsdale has implemented an aggressive Green Building Program that seeks to minimize environmental impact and reduce the energy consumption of buildings while contributing to the health of occupants. It encourages the conservation of energy and water, the improvement of air quality, and the reduction of construction waste. The Phoenix Environmental Quality Commission is also interested in Green Building programs. The Forum would like to study this issue in the context of Smart Permitting issues.

Fee Comparison (Mesa, Scottsdale, Phoenix)

Several years ago the City of Phoenix facilitated a valley-wide development fee study. The Smart Permitting Forum would like to conduct another fee study to compare development fees, the methodologies used to establish fees, and funding sources.

Electronic Plan Review (Tempe, Glendale, Phoenix, Chandler, Scottsdale)

The impetus for forming the Smart Permitting Forum was to develop an electronic plan review network throughout the Valley. Issues include the availability of technology, and engineer's seals.

GIS Parcel Database Coordination With Maricopa County (County, Chandler, Scottsdale, Phoenix)

Numerous jurisdictions expressed difficulties with the Maricopa County GIS parcel database. Parcel numbers must be included on permits, but delays between the recording and numbering of a parcel can occur. Issuing permits without parcel numbers causes errors in the County's GIS system. Better coordination with the County's GIS system would be helpful.

Universal Permit Application (Scottsdale, MIS Users Group)

A universal application could be used among jurisdictions to standardize the application process throughout the valley. Ultimately the application form could be

available on a centralized website, and sent to the desired jurisdiction electronically.

Electronic Utility Clearances (Phoenix, MIS Users Group)

Municipalities handle utility clearances differently. The City of Phoenix is working on a process for electronic utility clearances that could be implemented valley wide. The key is developing the technology with the collaboration of the utility companies.

Contractor Licensing Database (Glendale, MIS Users Group)

The State of Arizona has a contractor licensing database that would be helpful to Smart Permitting Forum jurisdictions. Glendale has downloaded and is using the database.

ATTACHMENT FOUR

MAG BUILDING CODE COMMITTEE OUTSTANDING AGENDA TOPICS

As of February 13, 2001

By: Leon Manuel, Chairman

City of Tempe:

- Child Day Care Standard. Develop a draft for a MAG Standard from the results obtained from the survey conducted of MAG members and from what has been developed for the City of Tempe.

City of Mesa

- Shade Structures Standard. Develop a draft for a MAG Standard from the results obtained from the survey conducted of MAG members and from what has been developed for the City of Mesa.

Chairperson Building Inspector and Plans Examiner Forum

- A dialog and understanding of inspection requirements with representatives from the Home Builders Association was to be developed to provide for reduced inspection failures.

City of Peoria:

- Disability Accessibility to SFR Model Homes. In conjunction with the Home Builders Association a matrix of the various city requirements was to be developed. Upon review of the matrix the Committee would review standardizing, where possible, the various accessibility requirements.

Town of Paradise Valley:

- Inspection Service Survey. At the December 1999 meeting a survey was distributed on behalf of Paradise Valley. It was requested that the results of the survey be presented.

If anybody has any questions do not hesitate to contact me at 623.438.2200.

ATTACHMENT FOUR
MAG BUILDING CODES COMMITTEE - CONTACT LIST (January 2001)

Name	Representing	Telephone #	FAX No.	E-Mail Address
Leon Manuel	El Mirage	602-438-2200	(602) 431-9562	lmanuel@stantec.com
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Bob Lee	Cave Creek	480-488-1414x132	480-488-2263	blee@cavecreek.org
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Ray Patten	Gilbert	480-503-6820	480-497-4923	rayp@ci.gilbert.az.us
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Rusty Thompson	Salt River	480-874-9017	480-874-8179	rustythompson@saltriver.pima-maricopa.nsn.us
Dave Potter	Scottsdale	480-312-2532	480-312-7781	dpotter@ci.scottsdale.az.us
John Guenther	Surprise	623-583-1088	623-583-6108	guenther@surpriseaz.com
Michael Williams	Tempe	480-350-8341	480-350-8677	michael_williams@tempe.gov
Mario Rochin	Tolleson	623-936-8500	602-244-9681	
Skip Blunt	Wickenburg	520-684-5451x202	602-506-1580	skip@ci.wickenburg.az.us
Steve Lawton	Youngtown	623-933-8286	623-933-5951	
Tom Ewers	Maricopa County	602-506-7145	602-506-3282	tomewers@mail.maricopa.gov
Harry Wolfe	MAG	602-254-6300	602-452-5098	hwolfe@mag.maricopa.gov
Rus Brock	Home Builders Assn.	602-274-6545	602-234-0442	brockr@hbacca.org